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U.S. Serial No. 10/620,445
Docket No. YOR920000590US2
YOR.421CONT

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Previously Presented) A computer method comprising:

providing a demand database comprising a compendium of individual demand history;

providing a supply database comprising a compendium of at least one of product
stockpile management solutions, product stockpile information, and product stockpile
diagnostics; and

employing a data mining technique for interrogating said demand and supply databases
for generating an output data stream, said output data stream correlating a demand problem with
a supply solution.
2. (Previously Presented) A method according to claim 1, further comprising:

updating the demand database.
3. (Previously Presented) A method according to claim 2, wherein the updating the demand
database comprises considering the results of employing a data mining technique.
4. (Previously Presented) A method according to claim 1, further comprising:

updating the supply database.

5. (Previously Presented) A method according to claim 4, wherein said updating the supply database comprises considering the effects of the employing the data mining technique on the demand database.
6. (Previously Presented) A method according to claim 2, further comprising:
refining a employed data mining technique in cognizance of pattern changes embedded in each database as a consequence of updating the demand database.
7. (Previously Presented) A method according to claim 4, further comprising:
refining the employed data mining technique in cognizance of pattern changes embedded in each database as a consequence of updating the supply database.
8. (Previously Presented) A method according to claim 1, wherein the employing the data mining technique comprises employing neural networks as the data mining technique.
9. (Previously Presented) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform a method for providing an interactive product stockpile management database, the method comprising:
providing a demand database comprising a compendium of individual demand history;

providing a supply database comprising a compendium of at least one of product stockpile management solutions, product stockpile information, and product stockpile diagnostics; and

employing a data mining technique for interrogating said demand and supply databases for generating an output data stream, said output data stream correlating a demand problem with a supply solution.

10. (Previously Presented) A computer comprising:

means for inputting a demand database comprising a compendium of individual demand history;

means for inputting a supply database comprising a compendium of at least one of product stockpile management solutions, product stockpile information, and product stockpile diagnostics;

means for employing a data mining technique for interrogating said demand and supply databases; and

means for generating an output data stream, said output data stream correlating a demand problem with a supply solution.

11. (Previously Presented) A method according to claim 9, further comprising:

updating the supply database to include the effects of employing the data mining technique on the demand database.

12. (Previously Presented) A method according to claim 9, further comprising:

refining the employed data mining technique by analyzing pattern changes embedded in each database as a consequence of an updating of the demand database.
13. (Previously Presented) A product stockpile management system, comprising:

a demand database comprising individual demand history;

a supply database comprising product stockpile resources; and

a data mining module for accessing said demand database and said supply database for generating an output data stream, said output data stream correlating a demand problem with a supply solution.
14. (Previously Presented) A system according to claim 13, wherein said product supply resources comprise a compendium of at least one of product stockpile management solutions, product stockpile information, and product stockpile diagnostics.
15. (Previously Presented) A system according to claim 13, wherein the data mining module is refined by analyzing pattern changes embedded in each database.
16. (Previously Presented) A system according to claim 13, wherein the data mining module comprises a neural network.

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17. (Previously Presented) A system according to claim 13, further comprising:
means for adding a product to a recommended product stockpile if the system determines there is a match between a classification of a demand feature from the demand database and a classification of a demand feature from the supply database.
18. (Previously Presented) A system according to claim 15, wherein the output data stream is fed as a subsequent input to update at least one of the demand database, the supply database, and the data mining module.

Please add the following new claims:

19. (New) A method according to claim 1, further comprising:
adding a product to a recommended product stockpile if the data mining technique determines there is a match between a classification of a demand feature from the demand database and a classification of a demand feature from the supply database.
20. (New) The computer of claim 10, wherein said means for generating an output data stream adds a product to a recommended product stockpile if the means for employing a data mining technique determines there is a match between a classification of a demand feature from the demand database and a classification of a demand feature from the supply database.

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21. (New) A system according to claim 15, wherein the system adds a product to a recommended product stockpile if the system determines there is a match between a classification of a demand feature from the demand database and a classification of a demand feature from the supply database.